

20020925.qrp v02_n689.qrl.20020925

Date: Wed, 25 Sep 2002 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2689

QRP-L Digest 2689

Topics covered in this issue include:

- 1) [135945] RE: How Much do I Operate?
by "Dave Richards" <wr3i@earthlink.net>
- 2) [135946] CQ Reader's Survey
by W2AGN <w2agn@w2agn.net>
- 3) [135947] RE: New Book: Simple Test Equipment for the QRPer now shipping
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 4) [135948] Re: New RF/IF amp from Analog Devices
by "Dave Martin" <k2zu@seanet.com>
- 5) [135949] Fritzel antenna experience?
by "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
- 6) [135950] Re: New RF/IF amp from Analog Devices
by "Russ Hines" <wb8zcc@one.net>
- 7) [135951] Re: Addendum: Reverse Charging Question
by "Mike Yetsko" <myetsko@insydesw.com>
- 8) [135952] Re: How Much do I Operate?
by "aluscre" <"aluscre"@neo.rr.com>
- 9) [135953] [SPAM]d::Re: New RF/IF amp from Analog Devices
by "Bill, N4QA" <n4qa@hotmail.com>
- 10) [135954] Re: How Much do I Operate?
by George Franklin <w0av@juno.com>
- 11) [135955] QRP++ version eeprom tested in my QRP+ rig..no go!
by ve3ab@mail.mondenet.com
- 12) [135956] Improved Neophyte Receiver.
by "Joel M. Gilly" <jgilly2@ptd.net>
- 13) [135957] Bouncing Mail
by W2AGN <w2agn@w2agn.net>
- 14) [135958] FS: TT model 288 and 218 filters + 17m Scout module
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 15) [135959] Doug's box real nice....
by Ken Hopper <khopper@uchicago.edu>
- 16) [135960] how much do I operate?
by David Heintzleman <pstrdave@kdsi.net>
- 17) [135961] Re: Doug's box real nice....
by "John McClain" <digi2@earthlink.net>
- 18) [135962] re: The non resonant monopole issues
by Michael Babineau <michael.babineau@sympatico.ca>
- 19) [135963] Ten Tec 505 microphone?

- by "Bill Dittrich" <rwddittrich@hotmail.com>
- 20) [135964] RE: Replacement for 2N5179
by "Randall M. Payne" <payner1@strato.net>
- 21) [135965] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
by Edgar R Guillot <n5ed@juno.com>
- 22) [135966] Re: O.K. the box is fine....
by "Doug Hauff" <dhauff@digitalputty.com>
- 23) [135967] Re: Homebrew Outbacker
by Fred Lesnick <flesnick@tbaytel.net>
- 24) [135968] Automatic Antenna Tuner
by brad.mugleston@attbi.com
- 25) [135969] Re: Automatic Antenna Tuner
by Ed Tanton <n4xy@earthlink.net>
- 26) [135970] First Rock Mite to Norcal 49er QSO!!!
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 27) [135971] Fw: Space-Weather-Outlook
by "W2WU" <w2wurjj@verizon.net>
- 28) [135972] Re: Automatic Antenna Tuner
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 29) [135973] Re: Addendum: Reverse Charging Question
by Mark Brueggemann <markb@abq.com>
- 30) [135974] Re: Automatic Antenna Tuner
by IamSF5@aol.com
- 31) [135975] Re: Doug's box real nice....
by "Don Ginter" <kc2ck@mail.com>
- 32) [135976] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
by Tom Feeny <tfeeny@comcast.net>
- 33) [135977] Further comments on the TS-830S
by "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
- 34) [135978] Re: Redhot NorCal 20M or NorCal Sierra
by John R Kirby <n3aaz-qrp@juno.com>
- 35) [135979] MC1350 input impedance
by "Leon Heller" <leon_heller@hotmail.com>
- 36) [135980] MC1350 input impedance
by "Leon Heller" <leon_heller@hotmail.com>
- 37) [135981] CONTEST: major QRM fm EA this weekend
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 38) [135982] Re: Redhot NorCal 20M or NorCal Sierra
by Junichi Nakajima <nakaji@crl.go.jp>
- 39) [135983] Re: Redhot NorCal 20M or NorCal Sierra
by "John J. McDonough" <wb8rcr@arrl.net>
- 40) [135984] Re: Automatic Antenna Tuner
by Bruce Muscolino <w6toy@erols.com>
- 41) [135985] Re: MC1350 input impedance
by Bruce Muscolino <w6toy@erols.com>
- 42) [135986] ARRL Contest Rate-sheet credits qrp-1
by Hank Kohl K8DD <k8dd@arrl.net>
- 43) [135987] Re: Automatic Antenna Tuner

by "Randy Randall" <RANDALLR@healthall.com>
44) [135988] Re: NE602 Front-Ends and Contests
by k4vib@att.net
45) [135989] Re: Automatic Antenna Tuner
by "Randy Randall" <RANDALLR@healthall.com>
46) [135990] Re: Ten Tec 505 microphone?
by "Michael Melland" <w9wis@charter.net>
47) [135991] Re: Ten Tec 505 microphone?
by Gary Halpern <gary.halpern@sympatico.ca>
48) [135992] RE: Automatic Antenna Tuner
by Karl Kanalz <kkanalz@gcecisp.com>
49) [135993] DeMaw's Amp (Apr '79 QST)
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
50) [135994] Re: Automatic Antenna Tuner
by "W3CDE Jerry L." <w3cde@bellsouth.net>
51) [135995] Re: MC1350 input impedance
by Jimmy Lee <jrlaudio@bellsouth.net>
52) [135996] 10 meters is back bigtime !!!!
by "George Osier" <gosier@twcnv.rr.com>
53) [135997] Re: ARRL Contest Rate-sheet credits qrp-1
by Hank Kohl K8DD <k8dd@arrl.net>
54) [135998] Customer Service, a Myth?
by Brian Kassel <bkassel@mato.com>
55) [135999] Re: MC1350 input impedance
by "Craig A. Ferris" <cferris@aeronix.com>
56) [136000] Re: MFSK QRP.....
by "laura halliday" <marsgal42@hotmail.com>
57) [136001] Base Biasing
by "Richard Johnson" <richard_johnson@credence.com>
58) [136002] Re: Customer Service, a Myth?
by Alex <kr1st@amsat.org>
59) [136003] 9.0 MHz Crystal Filter Kit
by Ralph Fowler <rhfowler@bellsouth.net>
60) [136004] Re: Mity Box
by "Doug Hauff" <dhauff@digitalputty.com>
61) [136005] Re: Customer Service, a Myth?
by "Dave Fifield" <dave@redhotradio.com>
62) [136006] Re: MC1350 input impedance
by "Brad Hernlem" <alihernlem@hotmail.com>
63) [136007] Re: DeMaw's Amp (Apr '79 QST)
by "W3CDE Jerry L." <w3cde@bellsouth.net>
64) [136008] Re: Customer Service, a Myth?
by W2AGN <w2agn@w2agn.net>
65) [136009] RE:Restaurant Weather
by Karl Kanalz <kkanalz@gcecisp.com>
66) [136010] Re: MC1350 input impedance
by <nkennedy@tcainternet.com>
67) [136011] Re: MC1350 input impedance

- by Bruce Muscolino <w6toy@erols.com>
- 68) [136012] Re: MC1350 input impedance
by Bruce Muscolino <w6toy@erols.com>
- 69) [136013] Results of last nights NEQRP SSB NET
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 70) [136014] Wednesday 1950Z Bands are great - WARC beam is up
by Jim Larsen - AL7FS <JimLarsen2002@alaska.net>
- 71) [136015] Re: How Much do I Operate?
by George Fremin III - K5TR <geoiii@kkn.net>
- 72) [136016] Re: MC1350 input impedance
by "Leon Heller" <leon_heller@hotmail.com>
- 73) [136017] A quesstion
by Bruce Muscolino <w6toy@erols.com>
- 74) [136018] Re: Customer Service, a Myth?
by Bill ROWLETT <kc4atu@yahoo.com>
- 75) [136019] Re: The non resonant monopole issues
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 76) [136020] NETXQRP Club Meeting, Saturday, 28 August
by Chuck Carpenter <w5usj@9plus.net>
- 77) [136021] FSQRP Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 78) [136022] Re: DeMaw's Amp (Apr '79 QST)
by Rick McKee <kc8aon@juno.com>
- 79) [136023] Re: MC1350 input impedance
by "Leon Heller" <leon_heller@hotmail.com>

Date: Tue, 24 Sep 2002 19:04:28 -0400
From: "Dave Richards" <wr3i@earthlink.net>
To: <w0av@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135945] RE: How Much do I Operate?
Message-ID: <FAEEKPCBNNDNKGMGPBKEJACGAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I believe that is blowing smoke into the microphone while smoking a pack of Rothman cigarettes
(grin)

Dave WR3I

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of George Franklin

Sent: Tuesday, September 24, 2002 6:23 PM
To: Low Power Amateur Radio Discussion
Subject: Re: How Much do I Operate?

Hi Jim,

I am very familiar with Heising (Hissing?) choke modulation, loop modulation and grid and grid-leak modulation from the old pre-WW2 160 AM days, but I never heard of Rothman modulation.

Please enlighten me.

72 de George/W0AV
Hamming since '35

Date: Tue, 24 Sep 2002 15:18:33 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135946] CQ Reader's Survey
Message-ID: <3D908249.11326.15D7573B@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

I rarely bother responding to these things, but the CQ Magazine Reader's Survey this issue (October) is concerning QRP. I would recommend if you get CQ to spring for the \$23 and respond. Maybe if enough interest is shown there will be more QRP articles.....maybe.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / QRP, ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Tue, 24 Sep 2002 10:53:42 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <schoon@amgt.com>
Cc: <qrp-l@lehigh.edu>

Subject: [135947] RE: New Book: Simple Test Equipment for the QRPer now shipping
Message-ID: <031001c263f3\$5563c5c0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark the book is available from me for \$12, postage paid. Send a check or money order to:

Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

Date: Tue, 24 Sep 2002 16:33:57 -0700
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [135948] Re: New RF/IF amp from Analog Devices
Message-ID: <000301c26422\$dd2bdc20\$1ca32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yagi who?Dave K2ZU

Date: Tue, 24 Sep 2002 18:32:7 -0500
From: "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [135949] Fritzel antenna experience?
Message-ID: <412002922423327390@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Here is truly an amateur's question. Anyone using one of the Fritzel 40-10 Metre wire inverted vee antennas? How critical is it for the centre to be up exactly 12 Metres, as indicated in the printed instructions? What if it is up to about 45-46 feet?

Feedback will be much appreciated. Thanks in advance.

73,

--Doc/K0EVZ

Date: Tue, 24 Sep 2002 20:09:04 -0400
From: "Russ Hines" <wb8zcc@one.net>
To: <k2zu@seanet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135950] Re: New RF/IF amp from Analog Devices
Message-ID: <00d901c26427\$c28148b0\$4307c00a@wb8zcc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, Yagi Berra, the smarter-than-the-average-baseball player who happened to be a ham that invented the parasitic element directional antenna. I thought everyone knew that. ;-)

----- Original Message -----
From: "Dave Martin" <k2zu@seanet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, September 24, 2002 7:33 PM
Subject: Re: New RF/IF amp from Analog Devices

> Yagi who?Dave K2ZU
>

Date: Tue, 24 Sep 2002 20:13:05 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <WA6GER@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135951] Re: Addendum: Reverse Charging Question
Message-ID: <003a01c26428\$53313b40\$0300a8c0@charter.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <WA6GER@aol.com>

> I forgot to ask in my original posting: I measured 12volts positive
from the
> negative terminal, and everything seemed normal except just backward.
What
> if I had hooked a rig up using reverse terminals? Blow up the rig?
>

Generally speaking... You would probably have very little capacity
(ah wise) and also probably a very low current limit. I'm not sure,
but I think in that case the internal resistance of the cell would be
very high.

Mike

Date: Tue, 24 Sep 2002 20:24:31 -0400
From: "aluscre" <"aluscre"@neo.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135952] Re: How Much do I Operate?
Message-ID: <200209250022.g8P0Mvk07599@c1mboh1-smtp3.columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

2516 QSOs far in 2002. This includes a few contests.

	CW	PH	RTTY	TOTAL
6M	003	011	000	014
10M	218	151	046	415
12M	012	007	000	019
15M	490	100	041	631
17M	038	010	000	048
20M	646	203	033	882
30M	004	000	000	004
40M	316	064	022	402
80M	071	014	007	092

160M 000 008 000 008
T 1798 568 149 2515

--

|-----|
 Anthony A. Luscre
 K8ZT
 Stow, Ohio
|-----|
 Visit My Website at
 <http://www.qsl.net/k8zt>
|-----|

Date: Tue, 24 Sep 2002 20:45:58 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [135953] [SPAM]d::Re: New RF/IF amp from Analog Devices
Message-ID: <F87u2Ma0V7ssgAjoJpm000055df@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain;
 format="flowed"

Uda

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 24 Sep 2002 19:42:12 -0500
From: George Franklin <w0av@juno.com>
To: wr3i@earthlink.net
Cc: qrp-1@lehigh.edu
Subject: [135954] Re: How Much do I Operate?
Message-ID: <20020924.194522.-1651151.1.w0av@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave,

You could be right about Rothman modulation, I suppose.

I did smoke back in those AM days.

72 de George/W0AV
Hamming since '35

Date: Tue, 24 Sep 2002 20:44:09 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@lehigh.edu
Subject: [135955] QRP++ version eprom tested in my QRP+ rig..no go!
Message-ID: <200209250047.g8P0lahB004372@phlox.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Just a short post. I copied an eprom sent to me for the QRP++ and tried it in my rig tonight. At first it seemed a success. The receiver seemed to be a little better when selecting selectivity. Keyer speed started at 10 wpm and went to 40 wpm..BUT no transmit power output! Not sure whether I made a small error in re-assembling the rig..or whether..the software is not compatible with the hardware. Not the end of the world in either case. Tomorrow I'll burn off some more eproms of both different versions that I have ..and I'll start mailing out some chips. My price has gone down..so I may end up sending out BOTH VERSIONS of the software out to everyone..minimum 2 chips per person. those who wanted 2 chips..I'll send them 3 chips..and once the chips are in the owners hands..perhaps some trial and error and some swapping and everyone will have useable chips. Unfortunately..tonight..I'm short on time..so I can't do any more testing tonight..but tomorrow I'll burn off the 13 new chips I got from my supplier today and start the mailing process in earnest. I've received 7 letters with cheques or money orders so far. There's no harm in holding back..till all the variables become known..because I'm in no big rush etc..73 Earl VE3aB

Date: Tue, 24 Sep 2002 21:15:46 -0400
From: "Joel M. Gilly" <jgilly2@ptd.net>

To: <qrp-l@lehigh.edu>
Cc: "'Jim Eshleman'" <jce0@lehigh.edu>
Subject: [135956] Improved Neophyte Receiver.
Message-ID: <000001c26431\$140e1ec0\$8eabbacc@brunhilda>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Esteemed Members of QRP-L,

I would like to begin building some radios of my own. To that end I purchased some boards from Far Circuits. One of the boards I ordered was the 40 m Neophyte Receiver. When I ordered it, I thought it was the receiver described in the QST article from '88. I have come to find out that it is in fact a variant of the Neophyte modified by Wes Baden K6EIL and described in an article in the Spring '94 HamBrew Magazine. It is also available as a kit from Dan's Small Parts.

The problem is that I have been unable to track down any description of this variant of the Neophyte on the web. I searched the QRP-L archive and all I could find is a message from Rich Arland K7SZ from 1998 or thereabouts who was having the same problem as me. To build the receiver, I would need to see a schematic and parts placement diagram for the board.

Can any members of QRP-L assist me?

Thank you for your time.

Regards,
Joel M. Gilly
N3GXY

Date: Tue, 24 Sep 2002 21:25:22 -0400
From: W2AGN <w2agn@w2agn.net>
To: fists@mailman.qth.net,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
Subject: [135957] Bouncing Mail
Message-ID: <3D90D842.43.1726F2A8@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

I have had reports of my email "bouncing." I have been receiving mail from various reflectors OK, it seems. If anybody sent (or sends) me a message, and they get a bounce, PLEASE forward it to me, with headers if possible.

Besides regular address, please forward to jsielke@netzero.net. (That bypasses Comcast.) They claim there is no problem, but that is not unusual.

Thanks

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/\ /\ /\ /\ /\ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_/ _/ _/ _/ _/ QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Tue, 24 Sep 2002 20:56:09 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: tentec@contesting.com, qrp-l <qrp-l@lehigh.edu>
Subject: [135958] FS: TT model 288 and 218 filters + 17m Scout module
Message-ID: <Pine.LNX.4.44.0209242054330.15161-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Model 218 filter (SSB) \$70 plus shipping
Model 288 filter (SSB) \$70 plus shipping
17m Scout module \$25 plus shipping (\$39 new)

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Tue, 24 Sep 2002 20:54:06 -0500
From: Ken Hopper <khopper@uchicago.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [135959] Doug's box real nice....
Message-ID: <3D91173E.786FF30E@uchicago.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug's MityBox is "real nice" but what was I supposed to do with the blue metal thing?

(large image)

<http://www.n9vv.com/Images/dougsbox.jpg>

link to my RockMite project

<http://www.n9vv.com/rockmite20project.html>

pse wait 15 min for the server to cache the image (9pm Chicago time)

dit dit

de ken n9vv

Date: Tue, 24 Sep 2002 21:13:04 -0500
From: David Heintzleman <pstrdave@kdsi.net>
To: qrp-l@lehigh.edu
Subject: [135960] how much do I operate?
Message-ID: <3D911BB0.C6F9FCCA@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, finally decided to venture a post - -

189 Qso's since Jan 1, 77 of them SSB
various rigs,
Argo 515, Century 21, Argosy 525, and some higher power, 80-100 watts as
I blew dust out of some old rigs to sell.
lots of fun, SSB, esp QRP SSB is quite a challenge, bit more so than qrp
CW, but the whole hobby is best thing, almost since sex and chocolate.
Dave
K8BBM

Date: Tue, 24 Sep 2002 19:44:09 -0700
From: "John McClain" <digi2@earthlink.net>
To: <khopper@uchicago.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135961] Re: Doug's box real nice....
Message-ID: <000b01c2643d\$6fc417e0\$6501a8c0@phoenix.speedchoice.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't know but I'll give you a dollar for it. I am still waiting for mine. As a matter of fact I am waiting for a bunch of items from various places (Mitybox, Rock Mite 40, 7.122mhz xtals, Nor'easter direct conversion receiver, Key and base from American Morse, SWR meter, Watt meter, a bunch of parts from Dan's Small Parts, Freq Mite, tone tuned antenna tuner, function generator, and an Island drill bit). I think that the little brown truck has forgotten where I live but congratulations to you anyhow. I really like the way you mounted your RM in that spiffy box.

John
K7SVV
K2 #2569, SST 20, Rock Mite 20

----- Original Message -----

From: "Ken Hopper" <khopper@uchicago.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, September 24, 2002 6:54 PM
Subject: Doug's box real nice....

> Doug's MityBox is "real nice" but what was I supposed to do with the
blue
> metal thing?
>
> (large image)
> <http://www.n9vv.com/Images/dougsbox.jpg>
>
> link to my RockMite project
> <http://www.n9vv.com/rockmite20project.html>
>
> pse wait 15 min for the server to cache the image (9pm Chicago time)
> dit dit
> de ken n9vv

Date: Tue, 24 Sep 2002 22:48:28 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: rohre@arlut.utexas.edu
Cc: jakidz@pullman.com, qrp-l@lehigh.edu
Subject: [135962] re: The non resonant monopole issues
Message-ID: <44DB0FEC-D031-11D6-B9D3-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v546)

Content-Transfer-Encoding: 7bit

Stuart, John et al :

> However, the non resonant monopole will have differing take off
angles, when
> operated above the radial system, and some of those may be such high
angle
> as to not result in DX.

This becomes quite apparent if you model this
antenna using a program like EZNEC. It works
quite well as a monobander even with only two elevated
radials, but it isn't pretty when you try to use it multi-band.

A vertical doublet on the other hand is a different story
and if you have a tall enough non-conducting support
(like a DK9SQ mast) you can build a vertical dipole
resonant for 20m, fed with twin-lead or ladderline and
still manage good performance as low as 30M.

LB Cebik covers this at length on his website
at <http://www.cebik.com/v20.html> in an article
called "A Vertical Doublet for 30 - 10 meters".

As I mentioned in a previous posting I recently used
a 24 foot vertical doublet taped to a 25ft fiberglass
fishing pole, and fed with twinlead as my 20m - 10m vacation
antenna with good results.

Michael VE3WMB

Date: Tue, 24 Sep 2002 22:53:44 -0400
From: "Bill Dittrich" <rwdittrich@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [135963] Ten Tec 505 microphone?
Message-ID: <F711kXh3wFDxchdpqpE000008d8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Can anyone recomend a mike that'll work with my Argo 505? Thinking new here,
not an old one I have to hunt around for.

72,
Bill D
KC2KF0

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Tue, 24 Sep 2002 23:40:59 -0400
From: "Randall M. Payne" <payner1@strato.net>
To: qrp-1@lehigh.edu
Subject: [135964] RE: Replacement for 2N5179
Message-ID: <DALHMI854GE1WKHK76C776WQZWOMA6.3d91304b@x4r1i9>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

9/24/02 12:55:22 PM, "Tracy Markham" <tracy@bytemark.com> wrote:

>I don't know about substitutes, but there is a place in Florida called
>SkyCraft Parts and Surplus that has a huge pile of them for \$1.00 each.
>(2n5179)
>
>They don't have an on-line order form, but you can email them or call them
>and they will ship.
>
>I love that place - that's the MAIN thing I miss about hamming in Central
>Florida!! Every time I fly down there, I bring my checkbook and a big bag ;)
>
>I'm not involved with them, except I've probably covered one salary there
>over the years hi
>
>Tracy N4LGH

I hope people won't do what was done last time someone posted a note like this on
Skycraft. Someone bought the entire supply in a single buy. Don't do that
please.
Give some other people a shot at being able to use these opportunities.
Thanks es 73,
Randy K4EZM

Date: Tue, 24 Sep 2002 23:09:45 -0500
From: Edgar R Guillot <n5ed@juno.com>
To: fpqrp-1@fpqrp.com, soc@mailman.qth.net,

rathbun-area-hams@yahoogroups.com, qrp-1@lehigh.edu
Subject: [135965] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
Message-ID: <20020924.230946.776.1.N5ED@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Mon, 23 Sep 2002 08:32:48 -0500 "Rob Matherly" <w0jrm@arrl.net>
writes:

> WHY DID THE CHICKEN CROSS THE ROAD?
>

QRPer

Because he used a kilowatt and only got a 339 from the hams in the sty
across the street.

N5Ed Guillot

> PAT BUCHANAN
> To steal a job from a decent, hardworking American.
>
> JERRY FALWELL
> Because the chicken was gay! Isn't it obvious? Can't you people see
> the
> plain truth in front of your face? The chicken was going to the
> "other
> side." That's what "they" call it the "other side." Yes, my friends,
> that
> chicken is gay. And, if you eat that chicken, you will become gay
> too. I
> say we boycott all chickens until we sort out this abomination that
> the
> liberal media whitewashes with seemingly harmless phrase like "the
> other
> side." That chicken should not be free to cross the road. It's as
> plain and
> simple as that.
>
> DR. SEUSS
> Did the chicken cross the road?
> Did he cross it with a toad?
> Yes! The chicken crossed the road,
> but why it crossed, I've not been told!
>
> ERNEST HEMINGWAY
> To die. In the rain.
>

> MARTIN LUTHER KING, JR.
> I envision a world where all chickens will be free to cross roads
> without
> having their motives called into question.
>
> GRANDPA
> In my day, we didn't ask why the chicken crossed the road. Someone
> told us
> that the chicken crossed the road, and that was good enough for us.
>
> ARISTOTLE
> It is the nature of chickens to cross the road.
>
> KARL MARX
> It was a historical inevitability.
>
> SADDAM HUSSEIN
> This was an unprovoked act of rebellion and we were quite justified
> in
> dropping 50 tons of nerve gas on it.
>
> RONALD REAGAN
> What chicken?
>
> CAPTAIN JAMES T. KIRK
> To boldly go where no chicken has gone before.
>
> FOX MULDER
> You saw it cross the road with your own eyes. How many more chickens
> have to
> cross before you believe it?
>
> FREUD
> The fact that you are at all concerned that the chicken crossed the
> road
> reveals your underlying sexual insecurity.
>
> BILL GATES
> I have just released eChicken 2000, which will not only cross roads,
> but
> will lay eggs, file your important documents, and balance your
> checkbook,
> and Internet Explorer is an inextricable part of eChicken.
>
> EINSTEIN
> Did the chicken really cross the road or did the road move beneath
> the
> chicken?

>
> BILL CLINTON
> I did not cross the road with THAT chicken. What do you mean by
> chicken"?
> Could you define "chicken" please?
>
> GEORGE W. BUSH
> I don't think I should have to answer that question.
>
> LOUIS FARRAKHAN
> The road, you will see, represents the black man. The chicken
> crossed the
> "black man" in order to trample him and keep him down.
>
> THE BIBLE
> And God came down from the heavens, and He said unto the chicken,
> "Thou
> shalt cross the road." And the chicken crossed the road, And there
> was much
> rejoicing.
>
> COLONEL SANDERS
> I missed one
>
> 72/73/oo
> Rob, w0jrm
>
> =====
> Visit my website! <http://www.qsl.net/w0jrm>
> =====
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.391 / Virus Database: 222 - Release Date: 9/19/02
>
> -----
> SOC mailing list
> SOC@mailman.qth.net
> <http://mailman.qth.net/mailman/listinfo/soc>
>

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<http://dl.www.juno.com/get/web/>.

Date: Tue, 24 Sep 2002 21:14:32 -0400
From: "Doug Hauff" <dhauff@digitalputty.com>
To: "Ken Hopper - N-9-V-V" <n9vv@wideopenwest.com>
Cc: <qrp-1@lehigh.edu>
Subject: [135966] Re: O.K. the box is fine....
Message-ID: <001e01c26431\$2fe05000\$5d393442@dhauff>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken,

I threw in the blue thing 'cause it's great for stashing stuff like mints & such...

72, Doug KE6RIE

PS Great pic!

----- Original Message -----

From: "Ken Hopper - N-9-V-V" <n9vv@wideopenwest.com>
To: <dhauff@digitalputty.com>; "Doug Hendricks" <ki6ds@dph.dpol.net>
Sent: Tuesday, September 24, 2002 9:48 PM
Subject: O.K. the box is fine....

> O.K. the box is real nice, but what was I supposed to do with the blue
> metal thing?
>
> :-))))))
>
> love ya' Doug!!!
> de ken n9vv

Date: Wed, 25 Sep 2002 00:19:27 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: kr1st@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [135967] Re: Homebrew Outbacker
Message-ID: <3D91394F.A90BF8EE@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try this link out..

Fred
VE3FAL

<http://www.qsl.net/oe3mzc/mobileantenna.html>

Bruce Wrote:
Frankly, buying the antenna is easier!

I dont think so, myself and a buddy each built one, and cost us \$15.00 each, the price for an old hamstick antenna....The wire was free, and the banana plugs were in the junk box.....

Alex wrote:

>
> Hi there,
>
> I once had this link to a site that described a homebrew outbacker, but
> I lost it. Does anyone on here perhaps have a URL to this site?
>
> Thanks and 73,
> --Alex (KR1ST)

Date: Tue, 24 Sep 2002 22:34:05 -0600 (MDT)
From: brad.mugleston@attbi.com
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Cc: Kirby Hylton <hylton@attglobal.net>
Subject: [135968] Automatic Antenna Tuner
Message-ID: <Pine.LNX.4.44.0209242227180.2449-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Browsing through the latest 73 mag and I saw an add for an automatic antenna tuner that claims to match anything. 1.5:1 on all frequencies. Uses no outside power, only the RF going through it.

With a web page to look at (www.maxx-com.com) I just had to see this.

It sits in the palm of your hand - price isn't bad and it walks on water.

I read the reviews (World Radio) and it looks great.

OK - does anyone on this list have/use one? Is it more than a 50 ohm resistor? What is the minimum power required to get it to work? It says 1/2 watt is all you need to get it going - is that true?

Come on guys it looks TOO good to be true.

73's

de KI00T, Brad

Date: Wed, 25 Sep 2002 00:41:31 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: brad.mugleston@attbi.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135969] Re: Automatic Antenna Tuner
Message-ID: <5.1.1.6.2.20020925003907.02b33be8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

It's basically a resistor Brad. Even a 50 ohm resistor radiates SOMETHING. These people have been fooling people for years. Maybe that matching network would be a good weight to sling over tree limbs. Nothing much else.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 24 Sep 2002 21:46:29 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135970] First Rock Mite to Norcal 49er QS0!!!
Message-ID: <008201c2644e\$8402d500\$07e3b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Michael K6MMC and I were on the phone talking about looking for a good site for up coming field events like FYB0, and decided to test his RM40. He'd been having some trouble getting it to load up on his vertical and traced it down to a bad antenna switch. So, for the test, I blew the dust off of my Norcal 49er and we had a nice QS0 Rock-Mite to 49er. Now, to be honest we just live across town, but it was fun to fire up the ol' Altoids box! No side tone and I had to plug my J-38 in hahaha! Ended up turning on another rig for side tone, but my fist sure wasn't used to that straight key after being on paddles for a while. Was a lot of fun. I'm going to have to build a tick keyer in an Altoids tin to go with the 49er and get it on the air.

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Tue, 24 Sep 2002 21:19:06 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135971] Fw: Space-Weather-Outlook
Message-ID: <000f01c2644e\$a379f260\$71c2fea9@w2wu>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FYI. Let's do it on uW. 73, Ron W2WU

----- Original Message -----

From: Space Environment Center <sec@sec.noaa.gov>

To: <advisory-list-send@dawn.sec.noaa.gov>

Sent: 24 September, 2002 15:50

Subject: Space-Weather-Outlook

> Official Space Weather Advisory issued by NOAA Space Environment Center
> Boulder, Colorado, USA
>
> SPACE WEATHER ADVISORY OUTLOOK #02- 39
> 2002 September 24 at 01:40 p.m. MDT (2002 September 24 1940 UTC)
>
> **** SPACE WEATHER OUTLOOK ****
>
> Summary For September 16-22
> Space weather reached minor levels during the period. Three
> short-lived, category R1 (minor) radio blackouts affected Earth's
> ionosphere due to solar flare activity from sunspots. These radio
> blackouts peaked at the following times: 9:10 p.m. MDT (mountain
> daylight time) on September 16th, 11:12 p.m. MDT on September 19th, and
> 3:28 a.m. MDT on September 20th.
>
> Outlook For September 25-October 1
> Space weather may reach minor levels, as a slight chance for additional
> category R1 (minor) radio blackouts is possible in response to expected
> sunspot activity during the forecast period.
>
> Data used to provide space weather services are contributed by NOAA,
> USAF, NASA, NSF, USGS, the International Space Environment Services
> and other observatories, universities, and institutions. For more
> information, including email services, see SEC's Space Weather
> Advisories Web site <http://sec.noaa.gov/advisories> or (303) 497-5127.
> The NOAA Public Affairs contact is Barbara McGehan at
> Barbara.McGehan@noaa.gov or (303) 497-6288.

Date: Wed, 25 Sep 2002 00:06:56 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135972] Re: Automatic Antenna Tuner
Message-ID: <Pine.LNX.4.44.0209250005530.15310-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes - how many of us have made QSOs on dummy loads?

I for one have - about a watt into a cantenna, talking to the guy 600 yards up the street. We were both S9+.

On Wed, 25 Sep 2002, Ed Tanton wrote:

> It's basically a resistor Brad. Even a 50 ohm resistor radiates SOMETHING.
> These people have been fooling people for years. Maybe that matching
> network would be a good weight to sling over tree limbs. Nothing much else.
>
>
> 73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: <http://www.n4xy.com>
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 25 Sep 2002 00:28:25 MDT
From: Mark Brueggemann <markb@abq.com>
To: WA6GER@aol.com,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [135973] Re: Addendum: Reverse Charging Question
Message-ID: <B0007683083@mercury.abq.com>

Addressed to: WA6GER@aol.com
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

** Reply to note from WA6GER@aol.com

> I forgot to ask in my original posting: I measured 12volts positive from the
> negative terminal, and everything seemed normal except just backward. What
> if I had hooked a rig up using reverse terminals? Blow up the rig?

I thought you said "Zip" when you measured it. Then you definitely reversed it.
It can certainly have the potential of enough energy to fry whatever you have
hooked (backwards) to it, and also seriously diminished the Ah capacity of the
battery. You need to run it dead-dead with a light bulb left across it for a
while, then bring it back up with the correct polarity. But it remains to be
seen if it has any useful capacity left. Still qualifies for the "nothing to
lose" category.

73,

Mark

Mark Brueggemann K5LXP
Albuquerque, NM markb@abq.com
Web Page: <http://www.qsl.net/k5lxp>

Date: Wed, 25 Sep 2002 02:21:04 EDT
From: IamSF5@aol.com
To: brad.mugleston@attbi.com, qrp-1@lehigh.edu
Subject: [135974] Re: Automatic Antenna Tuner
Message-ID: <120.16af1b51.2ac2afd0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 9/25/02 12:39:19 AM Eastern Daylight Time,
brad.mugleston@attbi.com writes:

<< es no outside power, only the RF going through it.

With a web page to look at (www.maxx-com.com) I just had to see this.

It sits in the palm of your hand - price isn't bad and it walks on water.

>>

Thats the same Company that came out with one about 10 years ago.

Then they folded then they sold them at \$69.95.

Some people said that they had just tossed some parts into the box and filled it with epoxy.

It's nothing but a big expensive dummy load.

They want several hundred dollars and then tell you their still making improvements on it, 'Yeah and the think shakes youre wires.

I'll pass on that untill I hear from the experts

Bob

AF2Q

Date: Wed, 25 Sep 2002 02:06:30 -0500

From: "Don Ginter" <kc2ck@mail.com>

To: khopper@uchicago.edu,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [135975] Re: Doug's box real nice....

Message-ID: <20020925070630.78759.qmail@mail.com>

Content-Type: text/plain; charset="iso-8859-15"

Content-Disposition: inline

Content-Transfer-Encoding: 7bit

MIME-Version: 1.0

Nice and very funny

Subject: Doug's box real nice....

> Doug's MityBox is "real nice" but what was I supposed to do with the blue
> metal thing?

> de ken n9vv

>

Kc2cK

Darn got it backwards :-)

--

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Date: Wed, 25 Sep 2002 04:04:54 -0400

From: Tom Feeny <tfeeny@comcast.net>

To: *QRP-L <qrp-l@lehigh.edu>
Subject: [135976] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
Message-ID: <003c01c2646a\$41581dc0\$865d2044@waldlk01.mi.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Why did the QRP-er cross the road?
He wanted to do it the chicken way.
What's the chicken way?
About three pounds.

Date: Wed, 25 Sep 2002 05:11:43 -0400
From: "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135977] Further comments on the TS-830S
Message-ID: <007401c26473\$912edf60\$45f5d018@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
Thank you all for your help in making the decision to get the TS-830S.
It came in the mail yesterday and has been set up in the shack, ready to
operate.

I was on this morning listening in on all the bands, but at 0500 there
weren't many people on. Guess I will have to try later on today.

73,

Kevin, KC8SFJ

```
|=====|
| QRP-L      #2366 - member since October/2001 |
| QRP-ARCI   #11248 - member since May/2002    |
| FISTS      #9293 - member since July/2002    |
| HR         - member since September/1965    |
|=====|
```

AdverseYaw@twmi.rr.com <-- My email address
AdverseYaw@bigfoot.com <-- My forwarding address
Quote of the day--

"Would you tell me, please, which way I ought to go from here?"
"That depends a good deal on where you want to get to," said the Cat

- Lewis Carrol

Date: Wed, 25 Sep 2002 06:04:07 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@lehigh.edu
Subject: [135978] Re: Redhot NorCal 20M or NorCal Sierra
Message-ID: <20020925.060414.-299237.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>>I am looking for insight into the performance on
>>20M between the Red-hot
>>Norcal20 and NorCal Sierra.

Hello Rich and Group,

Never had the PLEASURE to run a REDHOT but
understand it is an O U T S T A N D I N G radio ! ! !

Built and still own the original NorCal Sierra and W O W ! ! !

The CW filter was too narrow for my pleasure, but,
easy to modify . . . short out one or two 'inside' crystals.

There are several (many) more modes now for both radios . . .

One of which allows both radios to run FSK RTTY.
The distant station can not tell the difference
between AFSK RTTY or FSK RTTY. Some years ago there were
a few (. . . very few) ole'salts (Navy talk) that 'thought' they
could tell the different. Some can still tell the difference
between LF CW and RF CW . . . HI HI !

Also own a couple commercial radios to compare against and
pleased and satisfied with the Sierra.

Enjoy,
John
N3AAZ

FM 19 xa

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 25 Sep 2002 12:20:30 +0100

From: "Leon Heller" <leon_heller@hotmail.com>

To: "Low Power" <qrp-l@lehigh.edu>

Subject: [135979] MC1350 input impedance

Message-ID: <DAV624t9syCCr8HsXCU00003dbf@hotmail.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm using the MC1350 in a simple IF amplifier. It's working OK, with a 2-pole crystal filter on the input for test purposes, which has a 1.5K output impedance.

The data sheet gives the input admittance of the MC1350 as $g_{11}=0.36$ mmho and $b_{11}=0.50$ mmho at 10.7 MHz, not too far from my IF frequency. Presumably the input impedance is $1/\sqrt{g_{11}^2 + b_{11}^2}$ or 1.62K, which, fortuitously, is close enough to the filter impedance.

Have I got this correct? I've searched the web for something on g and b parameters, but can't find anything useful.

73, Leon

--

Leon Heller, G1HSM

leon_heller@hotmail.com

http://www.geocities.com/leon_heller

Date: Wed, 25 Sep 2002 12:24:41 +0100

From: "Leon Heller" <leon_heller@hotmail.com>

To: "Low Power" <qrp-l@lehigh.edu>

Subject: [135980] MC1350 input impedance

Message-ID: <DAV76bmSPH2q6DqaJY400003e20@hotmail.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm using the MC1350 in a simple IF amplifier. It's working OK, with a 2-pole crystal filter on the input for test purposes, which has a 1.5K output impedance.

The data sheet gives the input admittance of the MC1350 as $g_{11}=0.36$ mmho and $b_{11}=0.50$ mmho at 10.7 MHz, not too far from my IF frequency. Presumably the input impedance is $1/\sqrt{g_{11}^2 + b_{11}^2}$ or 1.62K, which, fortuitously, is close enough to the filter impedance.

Have I got this correct? I've searched the web for something on g and b parameters, but can't find anything relevant, apart from

http://mywebpages.comcast.net/kd9jq/hamradio/asp_theory.html

which gives a conversion between S and Y parameters

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Wed, 25 Sep 2002 13:34:11 +0200
From: "Juanjo Pastor" <ec5aca@wanadoo.es>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [135981] CONTEST: major QRM fm EA this weekend
Message-ID: <008e01c26487\$9464ed00\$333e243e@fer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hello again,

This weekend since Saturday the 28th at 16:00 till Sunday the 29th at 18:00 UTC the especially the lower bands will be filled with CW sigs fm Spain. It is the "Concurso Nacional de CW/ CNCW" (Nationwide CW contest) as every year during the last weekend in September. It is not an international DX contest, the contestants must be in Spain, so it is not a chance to work EA stations from the rest of the world. It will be a mayor source of QRM, especially in 80 and 40 and in Europe,

but maybe you will hear some QRO sigs ignoring your calls. Be ready for it!.

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1=BA
46460 Silla
SPAIN

e-mail: ea5chq@wanadoo.es
Tel.: +034 96 120 17 67
Movil: 651 35 35 11

Date: Wed, 25 Sep 2002 20:49:19 +0900
From: Junichi Nakajima <nakaji@crl.go.jp>
To: qrp-l@lehigh.edu
Subject: [135982] Re: Redhot NorCal 20M or NorCal Sierra
Message-ID: <200209251148.UAA29672@ryuu.>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi, I have both radio and followings are my impressions when I explain these to other QRPers. Of course these rigs are excellent.

NC-20 : Stock version bring us full-gallon 5W. Relatively difficult to build. Many small capacitors and AFA are patient step to get nice rig. 10-turn pot is rather blind tuning without AFA. Bit critical in TX adjustment.

Sierra: Good looking and a lot of fun to have other band module. But additional efforts (mods) bring 5W in 14MHz. 2-3W nominal in stock version. Expensive than th NC-20. For accurate frequency reading, recommended option KC-2 is much expensive than the AFA in NC-20 already equipped.

If you want to start soon, SW-20 will be a good choice too. I really like these analog VFO based QRP transceivers.

JL1KRA Junichi

Date: Wed, 25 Sep 2002 08:18:33 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135983] Re: Redhot NorCal 20M or NorCal Sierra
Message-ID: <00b201c2648d\$aced62c0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Junichi makes a good point ... although I wouldn't go so far as to call the NC-20 a "difficult" build, Dave's instructions are excellent, the rig has a lot of parts for a QRP rig and the board is quite tight. You need to have pretty good technique to build it.

On the other hand, and this isn't intended to disparage Elecraft, I would suggest that, compared to the K1, the NC-20 expected less experience. I built the original NC-20, rather than the RedHot, and although the documentation wasn't as polished as the K1's, it was a lot more obvious. On the other hand, the K1 is a lot more open, so the actual soldering was easier on the K1. The K1 had a lot of things you had to think through, while the NC-20 was pretty much "put part A into hole B". The only thing is that hole B would be a couple millimeters from hole C!

The two rigs took a comparable amount of time to build, significant since the NC-20 is a single bander, and the K1 (I built the original) is a dual bander with 4 microprocessors (I have the ATU and Noise Blanker in mine).

BTW, the original question as to the 602, I think I failed to mention that the K1 is a LOT better than any other 602 rig I've encountered, but on a crowded band, the NC-20 will absolutely blow it away. This really is rarely a problem as 20 isn't often that bad. QRP contests aren't a problem for the K1. But when you get to Sweepstakes or the International DX contest, the 602 really shows, although even in casual operating, you can notice how much more bulletproof the NC-20's front end is.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Junichi Nakajima" <nakaji@crl.go.jp>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, September 25, 2002 7:49 AM
Subject: Re: Redhot NorCal 20M or NorCal Sierra

> Relativey difficult to build. Many small capacitors
> and AFA are patient step to get nice rig. 10-turn pot
> is rather blind tuning without AFA. Bit critical in
> TX adjustment.

Date: Wed, 25 Sep 2002 09:03:41 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: brad.mugleston@attbi.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135984] Re: Automatic Antenna Tuner
Message-ID: <3D91B42D.59FF20D6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have not yet seen the articles, but I do remember MAXCOM antenna products. They marketed a dipole/doublet that guaranteed an SWR lower than 1.5:1 on all bands at any power level. The ARRL did a review on them and found there antenna was a 50 ohm resistor potted in a lump of plastic and mounted in the center insulator. Yes, it will clamp your SWR. It will also make your QRO signal QRP, guess what it does to a QRP signal!

73

Date: Wed, 25 Sep 2002 09:13:34 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: leon_heller@hotmail.com, qrp-l@lehigh.edu
Subject: [135985] Re: MC1350 input impedance
Message-ID: <3D91B67E.F5CF18A6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think it is close enough. If you are really interested in g parameters, don't bother with the web, go to the library and get a good book on circuit analysis, a professional textbook! QRPers are too quick

to think everything is available on the web. It is not, most knowledge is found in BOOKS!

73

Date: Wed, 25 Sep 2002 09:13:29 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [135986] ARRL Contest Rate-sheet credits qrp-l
Message-ID: <5.1.0.14.2.20020925091218.07279548@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

In the September 25th issue of the electronic Contest Rate-sheet, in the TECHNICAL & TECHNIQUE section, there is a great summarization of the "EZ-Hang and Other not so easy methods" thread on getting wires up in the air as read right here on qrp-l.

There is also another idea on how to clean oxidized copper wire that will not take solder. With Lysol toilet bowl cleaner, no less! If you try this, wear eye protection because due to the viscosity that makes it cling to the wire would also make it cling to the surface of your eye! Be careful - it's a jungle out there!

73 Hank

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.qsl.net/k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

If God intended you to be on single sideband, he would have given you only one nostril.

- Steve, K2PTS

Date: Wed, 25 Sep 2002 09:16:43 -0400
From: "Randy Randall" <RANDALLR@healthall.com>
To: <qrp-l@lehigh.edu>
Subject: [135987] Re: Automatic Antenna Tuner

Message-ID: <sd917efe.020@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

The ARRL reviewed this turkey in 1984. Take a look. They have X-ray photos of the units, one with a surplus PCB just floating in the enclosure with no connections to it at all?!! Look at the 1984 prices of this thing. It is a very, very expensive dummy load.

Randy AB9G0

<http://www.arrl.org/members-only/prodrev/pdf/pr8411.pdf>

>>> <IamSF5@aol.com> 09/25/02 02:21AM >>>
In a message dated 9/25/02 12:39:19 AM Eastern Daylight Time,
brad.mugleston@attbi.com writes:

<< es no outside power, only the RF going through it.

With a web page to look at (www.maxx-com.com) I just had to see this.

It sits in the palm of your hand - price isn't bad and it walks on water.

>>

Thats the same Company that came out with one about 10 years ago.
Then they folded then they sold them at \$69.95.
Some people said that they had just tossed some parts into the box and filled it with epoxy.
It's nothing but a big expensive dummy load.
They want several hundred dollars and then tell you their still making

improvements on it,'Yeah and the think shakes youre wires.
I'll pass on that untill I hear from the experts
Bob
AF2Q

Date: Wed, 25 Sep 2002 13:17:48 +0000
From: k4vib@att.net
To: qrp-l@lehigh.edu
Subject: [135988] Re: NE602 Front-Ends and Contests
Message-ID: <20020925131750.LZAY27953.mtiwmhc21.worldnet.att.net@mtiwebc15>

I've got an original design 30m qrp rig that uses a SA602AN front end. I too back off of the RF gain and the rig performs admirably. There is a sweet spot where I can back off the RF gain and kick in the outboard CW audio filter and the weak ones just magically appear.

Bill

K4VIB

> Well, I can only speak in regards to the SW-xx+ rigs, and I have never
> had a problem with them that cranking down the gain control wouldn't
> solve. I don't even have a problem when W1AW is on <grin>. I
> normally run the gain at about 65% and adjust from there. I found at
> that level, you can still pick out the really weak ones and you won't
> get pounded by a KW station close by.
> As far as 'tests go, I have not really ran any of them really hard, but
> have got on the air during them. I found that the SW rig was just as
> good, if not better than my TS-680S (stock), in dealing with QRM and
> overload. I am up in a "RF Hole" in N. Michigan so that may have some
> bearing on it as well
>
> 72 es oo
>
> Dennis - WB0WAO
>
>
> NJQRP #329
> FPQRP #-347
> SOC #499
> FISTS # 9299
> GACW #622
> ARS #1363
>

Date: Wed, 25 Sep 2002 09:20:40 -0400
From: "Randy Randall" <RANDALLR@healthall.com>
To: <brad.mugleston@attbi.com>, <qrp-1@lehigh.edu>
Subject: [135989] Re: Automatic Antenna Tuner
Message-ID: <sd917ff0.066@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Just goes to show how desperate old Wayne is for advertisers. What a bunch of snake oil. Oh, I forgot. Wayne deals in snake oil too! Here is a link to the 1984 ARRL review.

<http://www.arrl.org/members-only/prodrev/pdf/pr8411.pdf>

Randy AB9GO

>>> <brad.mugleston@attbi.com> 09/25/02 12:34AM >>>

Browsing through the latest 73 mag and I saw an add for an automatic antenna tuner that claims to match anything. 1.5:1 on all frequencies.

Uses no outside power, only the RF going through it.

With a web page to look at (www.maxx-com.com) I just had to see this.

It sits in the palm of your hand - price isn't bad and it walks on water.

I read the reviews (World Radio) and it looks great.

OK - does anyone on this list have/use one? Is it more than a 50 ohm resistor? What is the minimum power required to get it to work? It says

1/2 watt is all you need to get it going - is that true?

Come on guys it looks TOO good to be true.

73's

de KI00T, Brad

Date: Wed, 25 Sep 2002 09:29:24 -0400

From: "Michael Melland" <w9wis@charter.net>

To: rwdittrich@hotmail.com,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [135990] Re: Ten Tec 505 microphone?

Message-ID: <web-2992367@dc-mxdb07.cluster1.charter.net>

MIME-Version: 1.0

Content-Type: text/plain; charset="ISO-8859-1"; format="flowed"

Content-Transfer-Encoding: 8bit

On Tue, 24 Sep 2002 22:53:44 -0400

"Bill Dittrich" <rwdittrich@hotmail.com> wrote:

>Can anyone recomend a mike that'll work with my Argo 505?

>Thinking new here, not an old one I have to hunt around

If you would like an original, I have the original silver

Ten-Tec (Electro Voice) Model 215 bannana mic and stand I had with my 509 I'll sell. There are a few scratches but it works great. \$25

Mike

--

Michael Melland, W9WIS
Winneconne, WI USA

Date: Wed, 25 Sep 2002 09:31:15 -0400
From: Gary Halpern <gary.halpern@sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135991] Re: Ten Tec 505 microphone?
Message-ID: <3D91BAA3.8DEA749D@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any high impedance crystal, ceramic or dynamic mic.

Gary
VA3GH

Bill Dittrich wrote:

> Can anyone recomend a mike that'll work with my Argo 505? Thinking new here,
> not an old one I have to hunt around for.
> 72,
> Bill D
> KC2KFO
>
> _____
> MSN Photos is the easiest way to share and print your photos:
> <http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 25 Sep 2002 08:35:18 -0500
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'n4xy@earthlink.net'" <n4xy@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135992] RE: Automatic Antenna Tuner
Message-ID: <01C2646E.809936A0@KKANALZ>

Brad,

Ed, N4XY is absolutely correct! The ARRL did an "expose " on the Max-Com "magic box" several years ago. Since all of the innerds were potted in epoxy, they had to X-ray it to find that there was a large resistor across the antenna terminals (it looked like a wire-wound power resistor to me) and some other miscellaneous components sort of "floating" around in the epoxy potting that weren't connected to *anything* !!

Perhaps Ed Hare could share more info with us from his archives....

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Ed Tanton [SMTP:n4xy@earthlink.net]
Sent: Tuesday, September 24, 2002 11:42 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Automatic Antenna Tuner

It's basically a resistor Brad. Even a 50 ohm resistor radiates SOMETHING. These people have been fooling people for years. Maybe that matching network would be a good weight to sling over tree limbs. Nothing much else.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Date: Wed, 25 Sep 2002 09:52:57 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [135993] DeMaw's Amp (Apr '79 QST)
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30860@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Found a neat article in the ARRL QST archives (Apr '79) by Doug DeMaw, titled "Putting the Boots to Your HW-8 QRP Transceiver". It describes a class C amp that will put out about 15W from a 1W source and it includes filters for 80, 40, 20 and 15m. Thought this might be a neat project to try when 1W isn't enough.

The transistor called out on the schematic is a 2N5642. Apparently, its a stud mount type, with 11 dB of gain at 118 MHz, with a max power dissipation of 25 watts. Checked out RF parts and they want \$22 for them (the circuit requires

two).

Does anyone have a less expensive sub or source for this transistor? Has anyone built this project before?

Mark, AA4MF

Date: Wed, 25 Sep 2002 10:20:48 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: IamSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>, brad.mugleston@attbi.com
Subject: [135994] Re: Automatic Antenna Tuner
Message-ID: <3D91C640.E93A94A3@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep! That is the one that teh ARRL did an Xray of it. It had a piece of PC board and nothing attached to it. It had some misc. parts thrown in teh epoxy and not attachedd to anything. I do beleive they had a resistor attached across the input to present a "50 ohm load"... Just a gotcha! ripoff!

Jerry
W3CDE
Atlanta, GA

IamSF5@aol.com wrote:

>
> In a message dated 9/25/02 12:39:19 AM Eastern Daylight Time,
> brad.mugleston@attbi.com writes:
>
> << es no outside power, only the RF going through it.
>
> With a web page to look at (www.maxx-com.com) I just had to see this.
>
> It sits in the palm of your hand - price isn't bad and it walks on water.
> >>
> Thats the same Company that came out with one about 10 years ago.
> Then they folded then they sold them at \$69.95.
> Some people said that they had just tossed some parts into the box and filled
> it with epoxy.

> It's nothing but a big expensive dummy load.
> They want several hundred dollars and then tell you their still making
> improvements on it,'Yeah and the think shakes youre wires.
> I'll pass on that untill I hear from the experts
> Bob
> AF2Q

Date: Wed, 25 Sep 2002 10:37:20 -0400
From: Jimmy Lee <jrlaudio@bellsouth.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135995] Re: MC1350 input impedance
Message-ID: <3D91CA20.20E37A2@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, books are most likely to have peer review and the web has no review!
Jimmy, AE4DT

Bruce Muscolino wrote:

> I think it is close enough. If you are really interested in g
> parameters, don't bother with the web, go to the library and get a good
> book on circuit analysis, a professional textbook! QRPers are too quick
> to think everything is available on the web. It is not, most knowledge
> is found in BOOKS!
>
> 73

Date: Wed, 25 Sep 2002 10:39:26 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [135996] 10 meters is back bigtime !!!!
Message-ID: <001e01c264a1\$8785cb80\$aa634342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!!

Just worked UK8UXL / QRP on 10 CW , He was on about 28020 for a while with
nasty QSB ... Running 5 watts hr from my new Ten Tec Omni D
Antenna a G5RV up 20 ft

73s

George Osier , N2JNZ / QRP

Date: Wed, 25 Sep 2002 10:47:26 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135997] Re: ARRL Contest Rate-sheet credits qrp-l
Message-ID: <5.1.0.14.2.20020925104550.02ecf448@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Forgot the link!

<http://www.arrl.org/contests/rate-sheet/index.html?issue=2002-09-25>

At 9/25/2002 09:13 AM -0400, Hank Kohl K8DD wrote:

>In the September 25th issue of the electronic Contest Rate-sheet,
>in the TECHNICAL & TECHNIQUE section, there is a great
>summarization of the "EZ-Hang and Other not so easy methods"
>thread on getting wires up in the air as read right here on qrp-l.
>
>There is also another idea on how to clean oxidized copper wire that
>will not take solder. With Lysol toilet bowl cleaner, no less! If you
>try this, wear eye protection because due to the viscosity that makes
>it cling to the wire would also make it cling to the surface of your eye!
>Be careful - it's a jungle out there!

>
>73 Hank

>
>
>
>
>
>
>*/ Hank Kohl K8DD k8dd@arrl.net
>*/ ARRL TS <http://www.qsl.net/k8dd>
>*/ MI-QRP - Vice Pres. QRP-ARCI - Director
>*/

>If God intended you to be on single sideband, he would have given you only
>one nostril.

>- Steve, K2PTS
>

Date: Wed, 25 Sep 2002 09:16:39 -0700
From: Brian Kassel <bkassel@mato.com>
To: qrp-1@lehigh.edu, Elecraft List <elecraft@mailman.qth.net>,
Larry Cruise <aa5ta@earthlink.net>,
Subject: [135998] Customer Service, a Myth?
Message-ID: <3D91E167.FC9D9602@mato.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks:

Some of you might recall in a recent posting, that I had lost 20M on my K-1 during the recent QRP Afield event. Well, due to their excellent documentation, I traced it down to the 22 MHz. crystal used for that band only. I called Elecraft, expecting to pay 10-20 bucks for a new crystal, as the rig is way out of warranty. As usual, Elecraft really surprised me. Scott told me that they had seen this crystal failure maybe 10 times in the K-1. Of course, as the number of K-1's sold out there are well over 1000, I figured that 10 failures was not indicative of an epidemic ;).

I was blown away, when Scott told me that they would send not 1, but 2 crystals, totally *FREE* to me! He mentioned that he was sending 2, "just in case". He *APOLOGIZED* for the failure, and said that he would get the crystals out to me right away, the same day Priority Mail.

Heck, the failure was not due in any way to anything that Elecraft had done, it was strictly a manufacturing problem with the crystal vendor. And so small a sample out of that many kits is really not a big problem I wouldn't think.

In 42 years of hamming, I have never had so much consistent good luck with customer service from a ham radio manufacturer. Heath Kit and Ten tec come close, but in my experience, (YMMV), Elecraft is tops on the list.

I'm the kind of guy who is critical about service, whether in a restaurant, airplane trip or any other situation where I am the customer. I have been known to not leave a tip at all when I perceive that service received was not up to par. On the other hand, I have been known to leave a tip way over 20% when I get exceptional service. I

mention this only because I wanted you folks to know that I don't offer this experience lightly.

Now *THAT* is service!

Brian K7RE

Date: Wed, 25 Sep 2002 11:23:07 -0400
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-l@lehigh.edu
Subject: [135999] Re: MC1350 input impedance
Message-ID: <3D91D4DB.BEF616FE@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Standard Bruce response! Go read it in a book! How about answering his question? Well Bruce, the answer to this one is right here. The g and b terms are the real and imaginary parts of the input admittance. If you take the reciprocal of each term, you have the real and imaginary parts of the input impedance. In this case the real portion is 2.78k and the imaginary portion is -2k. The imaginary portion looks like 8 pf at 10 Mhz. So the input looks like a 2.78k resistor in parallel with an 8 pf cap.

And Bruce, I didn't have to look up anything in a book.....George P. Burdell helped me with this one.

72,
Craig NR4E
Melbourne, FL

Date: Wed, 25 Sep 2002 08:42:16 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [136000] Re: MFSK QRP.....
Message-ID: <F1874Bw0ZxYS0qPzg9u00006028@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ken N9VV wrote about MFSK16:

>...
>I was disappointed however to learn that Nino and
>Murray have no plans to continue development of
>MFSK-16 for the ham community and have instead moved
>on to commercial email systems for ships at sea(?).
>Too bad, this is very promising technology.
>...

Indeed it is. Since the the algorithms are documented
and the source code is available, why don't you see
what you can do with it? You obviously have ideas on
how to make MFSK-16 better, so please implement them
so that others may benefit.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Wed, 25 Sep 2002 08:50:16 -0700
From: "Richard Johnson" <richard_johnson@credence.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136001] Base Biasing
Message-ID: <3D91DB38.FE580443@credence.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group:

I have seen the use of a green LED (2 volt froward voltage) to set the
base bias for an amplifier.

Now what is the advantage of that over a rresistor?

cheers,
rich

Date: Wed, 25 Sep 2002 12:10:24 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136002] Re: Customer Service, a Myth?
Message-ID: <3D91DFF0.EA0D5644@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Perhaps they figured you would post this interaction on this list. :)

73,
--Alex (KR1ST)

Brian Kassel wrote:

> Now *THAT* is service!

Date: Wed, 25 Sep 2002 11:24:12 -0700
From: Ralph Fowler <rhfowler@bellsouth.net>
To: qrp-l@lehigh.edu
Subject: [136003] 9.0 MHz Crystal Filter Kit
Message-ID: <5.1.0.14.0.20020925112120.00a50e90@mail.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

While browsing through the Inrad Website I came across this interesting kit. A perfect way to add a good performing filter to a homebrew receiver.

See <http://www.qth.com/inrad/home.htm>

Ralph Fowler, W5UF

Date: Wed, 25 Sep 2002 09:40:40 -0400
From: "Doug Hauff" <dhauff@digitalputty.com>
To: "John Burnley" <JBurnley@ifmc.org>
Cc: <qrp-l@lehigh.edu>
Subject: [136004] Re: Mity Box
Message-ID: <001001c26499\$245c5540\$84393442@dhauff>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Doug, do you still have the box available? Thanks in advance

Hi John,

I'm makin' a s--- pile of 'em! got stock on the floor & they should be shipping in 10 days!

TNX & 72, Doug KE6RIE

Date: Wed, 25 Sep 2002 10:21:25 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <bkassel@mato.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136005] Re: Customer Service, a Myth?
Message-ID: <001101c264b7\$fa7eec50\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I find the weather in most restaurants that I visit to be most agreeable and have never had cause to complain about it.

;-)

72, Dave, AD6A

----- Original Message -----

From: "Brian Kassel" <bkassel@mato.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, September 25, 2002 9:16 AM
Subject: Customer Service, a Myth?
(snip)

> I'm the kind of guy who is critical about service, weather in a
> restaurant, airplane trip or any other situation where I am the
> customer. I have been known to not leave a tip at all when I perceive
> that service received was not up to par. On the other hand, I have been
(snip)

Date: Wed, 25 Sep 2002 17:22:41 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [136006] Re: MC1350 input impedance
Message-ID: <F181pzhad2VqKwRPQIW000000287@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Bruce Muscolino (w6toy@erols.com) declares:

>... If you are really interested in g
>parameters, don't bother with the web, go to the library and get a good
>book on circuit analysis, a professional textbook! QRPers are too quick
>to think everything is available on the web. It is not, most knowledge
>is found in BOOKS!

Have you been in a university library lately? It seems that nearly everything is moving to computer. Try to find the Science Citation Index, for example. It is a good bet that they have the old print editions stuffed away in some musty warehouse and everything current is now on CD-ROM. Books! I wish there were books.

And the bad thing about this trend is that people do what is easy. Because the CD-ROM indices generally don't go back in time beyond a few decades, people just don't look. And this can have potentially disastrous consequences.

A few years ago my colleague asked whether chlorine dioxide would react with ethylene. I thought that this was almost certainly true but could find no references in the current literature. Not to be deterred, and thinking that certainly the Germans in their wisdom and inquisitiveness must have tried this ages ago, I went out of my way to delve through the pre-historic (i.e. pre-computer) literature. First I had to find the bound SCI and Chem Abstracts. Sure enough, F r st, in 1881 published an article 'Ueber die Einwirkung von Unterchlors ure anf Aethylen' in Annalen der Chemie in which he states that "dafs Aethylen stets im Uebersschusse vorhanden war, da Explosionen erfolgten". Nearly a century later, in the Polish journal Zeszyty Naukowe Politechniki Szczecinskiej, Jalowiczor reported that his equipment also detonated. Fortunately, we never got around to blowing up OUR lab.

Anyway, I digress. It is just that the library of today bears little resemblance to that of my school days. Books don't play as big a part as they once did.

I suppose that if you want textbooks, look in the BACK of the library where

they are selling/giving them away or check the dumpster. It costs \$\$\$\$ to store all those rotting heaps. Just look at what we can do with digital media! :-(

Brad KG6IOE

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 25 Sep 2002 13:24:19 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: Mark.Fancher@ae.ge.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136007] Re: DeMaw's Amp (Apr '79 QST)
Message-ID: <3D91F143.FA6C0AC3@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep, use IRF510's at a buck each.. Look in the ARRL handbook for a schematic.

Jerry
W3CDE

"Fancher, Mark (GEAE)" wrote:

>
> Found a neat article in the ARRL QST archives (Apr '79) by Doug DeMaw, titled
> "Putting the Boots to Your HW-8 QRP Transceiver". It describes a class C amp
> that will put out about 15W from a 1W source and it includes filters for 80, 40,
> 20 and 15m. Thought this might be a neat project to try when 1W isn't enough.
>
> The transistor called out on the schematic is a 2N5642. Apparently, its a stud
> mount type, with 11 dB of gain at 118 MHz, with a max power dissipation of 25
> watts. Checked out RF parts and they want \$22 for them (the circuit requires
> two).
>
> Does anyone have a less expensive sub or source for this transistor? Has anyone
> built this project before?
>
> Mark, AA4MF

Date: Wed, 25 Sep 2002 13:36:32 -0400
From: W2AGN <w2agn@w2agn.net>
To: kr1st@amsat.org,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136008] Re: Customer Service, a Myth?
Message-ID: <3D91BBE0.13541.AFC003@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 25 Sep 2002 at 12:10, Alex wrote:

> Perhaps they figured you would post this interaction on this list. :)
>
> 73,
> --Alex (KR1ST)
>
> Brian Kassel wrote:
>
> > Now *THAT* is service!
>

NOT really necessary. That kind of service is the RULE not the exception. Now if COMCAST had that kind of customer service.....

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Wed, 25 Sep 2002 12:38:13 -0500
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'dave@redhotradio.com'" <dave@redhotradio.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136009] RE: Restaurant Weather
Message-ID: <01C26490.D7B49700@KKANALZ>

I've never, ever been a restaurant where it rained or snowed, but I am particular about "service".

It may be that "Service" determines the "climate" (weather?) in a restaurant after all!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Dave Fifield [SMTP:dave@redhotradio.com]
Sent: Wednesday, September 25, 2002 12:21 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Customer Service, a Myth?

I find the weather in most restaurants that I visit to be most agreeable and have never had cause to complain about it.

;-)

72, Dave, AD6A

----- Original Message -----

From: "Brian Kassel" <bkassel@mato.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, September 25, 2002 9:16 AM
Subject: Customer Service, a Myth?

(snip)

> I'm the kind of guy who is critical about service, weather in a
> restaurant, airplane trip or any other situation where I am the
> customer. I have been known to not leave a tip at all when I perceive
> that service received was not up to par. On the other hand, I have been
(snip)

Date: Wed, 25 Sep 2002 12:42:31 -0500
From: <nkennedy@tcainternet.com>
To: leon_heller@hotmail.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136010] Re: MC1350 input impedance
Message-ID: <20020925174231.JYHV3012.fe3@localhost>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

For magnitude, I get the same result. These days though, it's pretty easy to keep

it complex so you can get a bit more insight. My HP-48 calculator, for instance, will handle complex numbers directly. But I now find it easier to use Excel since I'm normally sitting in front of a PC anyway.

Complex numbers on Excel aren't quite as straightforward, but it can get you there. I think you have to have the "Analysis Pak" Add-In installed. Then you use specific functions to do complex math. For our current example, I typed '0.36E-3+0.5E-3i' into cell A1. That's our admittance. Also note that Excel wants complex numbers entered as text, not numbers--hence the single quotes.

In the cell below (B1), I type the formula =IMDIV(1,A1). This is the formula for complex division--it divides the argument 1 by the argument stored in cell A1. This takes the reciprocal, converting the admittance numbers to impedance. So in cell A2 appears this number

948-1317i

948 ohms resistive plus 1317 ohms capacitive ...

If I want to see the magnitude, I go to an empty cell (A3) and type in the formula =IMABS(A2) and it gives me the number 1623.07, same as you got.

But I think having the complex impedance is important, because I think you need to --dare I say it?-- conjugate match to the Z, not just match to the magnitude.

I've strayed a bit from the question but I'm an Excel fan. Or a fan of anything that simplifies complex number calculations.

The real question is whether those paramaters from the data sheet represent the complex input admittance. Like you, I think they do.

72--Nick, WA5BDU

>
> From: "Leon Heller" <leon_heller@hotmail.com>
> Date: 2002/09/25 Wed AM 06:20:30 CDT
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: MC1350 input impedance
>
heller
>

Date: Wed, 25 Sep 2002 13:55:15 -0400
From: Bruce Muscolino <w6toy@erols.com>

To: jr1audio@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136011] Re: MC1350 input impedance
Message-ID: <3D91F883.ACE7E1F8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My complaint exactly. There is no peer review or any other kind of review on the internet. People can post what they want without any guidance.

The internet has much good information, but it should be read with a grain of salt until you know enough to tell whether it is good or not!

73

>

> Yes, books are most likely to have peer review and the web has no review!

>

Date: Wed, 25 Sep 2002 13:58:03 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: cferris@aeronix.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136012] Re: MC1350 input impedance
Message-ID: <3D91F92B.A82BCC0B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well Georgie Boy, I thought I said the values were about right. He did calculate them using accepted formulas. I then added he could find out more by reading through a good basic Circuit Analysis textbook! What did I do wrong?

Date: Wed, 25 Sep 2002 14:50:36 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@lehigh.edu, neqrp@jonal.net
Subject: [136013] Results of last nights NEQRP SSB NET
Message-ID: <0F693816F9.23297BB0-0N85256C22.004BD42B@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

The band was congested with noise and QSO's. Good to see the

band is being used but bad for qrp'rs. Moved to 7.290 Mhz and started net: Initial checkins were:

KC1FB	Jim	Norwalk, CT	FT-7 @ 4W horiz loop
K1NAJ	Norm	Norway, ME	TS-940S @ 10W
K1CL	Chuck	Chelmsford, MA	FT-840
K1CGJ	Jon	Dracut, MA	IC-745 @ 10 Zepp

About this time Chuck (K1CL) kindly qsy'd down to 7.286 and gave a call to tell where we were and found a qrp net at 7.287. People that couldn't find me at 7.290. They moved up and checked in:

N1XTK	Keith	Tolland, CT	
N1DVJ	Mike	Whitinsville, MA	K2 40M dipole
WA10HR	Ev	Windham, CT	
VE2EQL	John	Montreal, Canada	FT-817 88' doublet
W2APF	Thaire	N Easton, MA	K2 @5W 88' doublet
WR3I	Dave	Monroe, CT	

Others on 7.287 that never made it up were AB8DF and W3DMT who was QRO and was using the freq before the qrp'rs got there.

Thanks to all who participated in again a really great net. Many people stayed on after net was over and had nice QSO's as the band was great and the AM'rs never came on.

Please join in the Thursday night CW net at 8:30PM EDST on 3.565 Mhz.

Ron - N1ZSW

comment Tonight, Tuesday the NEQRP SSB NET on 7.286Mhz +- 5Khz at 7:30PM EDST

Date: Wed, 25 Sep 2002 11:55:21 -0800
From: Jim Larsen - AL7FS <JimLarsen2002@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [136014] Wednesday 1950Z Bands are great - WARC beam is up
Message-ID: <3D9214A9.5F165E18@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I just put up my Cushcraft A3WS on Sunday and finally found time to play on the bands today. It seems all bands are open all the way up to 10 meters. On 17 meters the beacons were coming in from all over the

world. US, Hong Kong, South Pacific, South Africa, Europe but not strong from South America.

Just to test out the beam I answered European CQs on 17 and 12 meters and got called back right away. I must admit it was QRO at 100 watts as I have never set up the TS450S to be limited and my K2 doesn't have the SSB module. I gave a few calls on 18.132 but no response.

There are lots of SSB QSOs on 10 meters but not a one on CW in the QRP area.

I sure wish the bands could be like this every day up here. Very nice. Yes, very nice, indeed.

73, Jim

--

Jim Larsen, AL7FS

Anchorage, Alaska

<http://www.qsl.net/al7fs/>

Date: Wed, 25 Sep 2002 13:07:22 -0700
From: George Fremin III - K5TR <geoiiii@kkn.net>
To: Doug Hendricks <ki6ds@dph.dpol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136015] Re: How Much do I Operate?
Message-ID: <20020925200722.GA16982@loja.kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Sep 23, 2002 at 09:11:50AM -0700, Doug Hendricks wrote:
> it would be neat for us to post to the list how many qso's we've had this
> year, and the radios we have used to do it with. I'll start:

Ok - I guess I will add to the pileup of messages.

During Jan and Feb of 2002 I was operating from VP8THU / VP8GEO
and I do not know how many QSOs I personally made during that trip.

>From March 3, 2002 to September 9, 2002 (I dont have the last few
weeks of log with me here are work.) from my home station I have made
9274 contacts.

I have two Kenwood TS-850S radios that I use most of the time.
I also have a NorCal 38 special, RockMite 40 and an TenTec 1340

that sometimes works.

--

George Fremin III - K5TR
geoiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Wed, 25 Sep 2002 20:07:54 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: nkennedy@tcainternet.com, qrp-1@lehigh.edu
Subject: [136016] Re: MC1350 input impedance
Message-ID: <F105Fds7b8quUyNuDjE00001810@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: <nkennedy@tcainternet.com>
>To: leon_heller@hotmail.com,"Low Power Amateur Radio Discussion"
><qrp-1@Lehigh.EDU>
>Subject: Re: MC1350 input impedance
>Date: Wed, 25 Sep 2002 12:42:31 -0500
>
>For magnitude, I get the same result. These days though, it's pretty easy
>to keep it complex so you can get a bit more insight. My HP-48 calculator,
>for instance, will handle complex numbers directly. But I now find it
>easier to use Excel since I'm normally sitting in front of a PC anyway.
>
>Complex numbers on Excel aren't quite as straightforward, but it can get
>you there. I think you have to have the "Analysis Pak" Add-In installed.
>Then you use specific functions to do complex math. For our current
>example, I typed '0.36E-3+0.5E-3i' into cell A1. That's our admittance.
>Also note that Excel wants complex numbers entered as text, not
>numbers--hence the single quotes.
>

I use Excel quite a lot, or an RPN calculator for my Palm IIIx. Agilent/HP
has a nice RPN complex calculator in their free AppCAD package. A new
version is available:

<http://www.hp.woodshot.com/>

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 25 Sep 2002 16:06:43 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: qrp-l@lehigh.edu
Subject: [136017] A quesstion
Message-ID: <3D921753.51C01F7F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I suspect that most of you will agree with me that one of the purposes of this list is to teach. What I question is how you teach.

I believe in teaching specifics at a general level. By this I mean give the answer to the question, but then recommend some other sources where the learner can find out more about the subject. My reasoning is that for the most part, I don't want to be here every minute of your ham career. I want you to learn where to find the answer for yourself.

Lately I have been taken to task for "a typical Bruce answer", by people who apparently cannot read themselves. I answered the question and recommend some other sources. The person in question was motivated enough to know there are imaginary components for all electrical quantities. Suggesting he read up on it in a textbook does not seem a stretch!

There are some very valuable resources on this list. Guys like Pail Harden and Dave Benson, to name two. Must you drive them away because you are afraid of a book? They have other things to do, many of them better than answering your questions. Ask for help on the basics and then learn the rest yourself. I am not saying you should be an EE, but there are a myriad of good reference books out there. Buy one! Learn to use it to answer your own questions!

Date: Wed, 25 Sep 2002 13:41:05 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: bkassel@mato.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136018] Re: Customer Service, a Myth?
Message-ID: <20020925204105.64941.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I would like to know the kind of service you feel does not deserve a tip. Anything other than a plat of food or a drink dumped on your head on purpose is not the fault of the server.

Bill kc4atu

Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
<http://sbc.yahoo.com>

Date: Wed, 25 Sep 2002 15:35:18 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Michael Babineau" <michael.babineau@sympatico.ca>
Cc: <jakidz@pullman.com>, <qrp-l@lehigh.edu>
Subject: [136019] Re: The non resonant monopole issues
Message-ID: <004501c264d3\$0fd9e350\$4e100a0a@rohredt2000>

Right Michael,
I too was extending the modeling of a free space non resonant wire to the vertical case against a useful radial system. I had not realized that L. B. had gotten to modeling that case as well. Great, nice to know that. His is the most useful antenna site on the web.
72,
Stuart K5KVH

Date: Wed, 25 Sep 2002 16:43:52 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, George Baker <w5yr@att.net>,

Lew Paceley <lew@paceley.com>,
Subject: [136020] NETXQRP Club Meeting, Saturday, 28 August
Message-ID: <3.0.2.32.20020925164352.00799bb0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers,

All who are interested are invited to attend.

Saturday, September 28, 2002, 1:00 to 3:00 pm (or so)

Los Hermanos
Interstate 80
Terrell, TX

Directions:

On the North side of I-80 East of the intersection of 205 and 148.

If you have a favorite QRP something you'd like to bring along, please do.
Come join the fun!

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 25 Sep 2002 16:43:55 -0500
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [136021] FSQRP Wednesday Warble
Message-ID: <001001c264dc\$a5d9eae0\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks:

The Four State QRP Group will have some PSK activity tonight on about
3580.5 KHz. If you are in range of our signals, stop by and say howdy
around 9 PM central time.

This is NOT a net, just an informal roundtable. No net-control station,
no one calls the roll, just some on-the-air QRP fun. Time to dust off

If you hear us, just jump in there in-between transmissions. We will drag our feet for breakers.

David Bixler
Seneca, Missouri

QRP: Little radios, big fun!

How about Ramsey's little MOSFET amp kit. 1 in 20 out (I think) just 39.95 for the board and kit !

QRP-L #2112, FPgrp #33, AR QRP #269

```
On Wed, 25 Sep 2002 09:52:57 -0400 "Fancher, Mark (GEAE)"
<Mark.Fancher@ae.ge.com> writes:
>Found a neat article in the ARRL QST archives (Apr '79) by Doug DeMaw,
>itled
>"Putting the Boots to Your HW-8 QRP Transceiver". It describes a
>class C amp
>that will put out about 15W from a 1W source and it includes filters
>for 80, 40,
>20 and 15m. Thought this might be a neat project to try when 1W isn't
>enough.
>
>The transistor called out on the schematic is a 2N5642. Apparently,
>its a stud
>mount type, with 11 dB of gain at 118 MHz, with a max power
>dissipation of 25
```

>watts. Checked out RF parts and they want \$22 for them (the circuit
>requires
>two).
>
>Does anyone have a less expensive sub or source for this transistor?
>Has anyone
>built this project before?
>
>Mark, AA4MF
>
>

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 25 Sep 2002 22:00:47 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: alihernlem@hotmail.com, qrp-l@lehigh.edu
Subject: [136023] Re: MC1350 input impedance
Message-ID: <F169JguZ8qZ2rH1tMkg00007741@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Brad Hernlem" <alihernlem@hotmail.com>
>Reply-To: alihernlem@hotmail.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: MC1350 input impedance
>Date: Wed, 25 Sep 2002 17:22:41 +0000
>
>Bruce Muscolino (w6toy@erols.com) declares:
>
>>... If you are really interested in g
>>parameters, don't bother with the web, go to the library and get a good
>>book on circuit analysis, a professional textbook! QRPers are too quick
>>to think everything is available on the web. It is not, most knowledge
>>is found in BOOKS!
>
>Have you been in a university library lately? It seems that nearly
>everything is moving to computer. Try to find the Science Citation Index,

>for example. It is a good bet that they have the old print editions stuffed
>away in some musty warehouse and everything current is now on CD-ROM.
>Books! I wish there were books.

We still have lots of the old fashioned type of library here in the UK. One
of my favourites is the Science Museum Library (shared with Imperial
College) in S. Kensington, London. I can spend hours there just wandering
around the shelves looking at the old technical books.

The old Patent Office Library was also very good on science and technology,
but has now moved to the new National Library, and you can't just walk in
when you want to.

73, Leon

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Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

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